

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000768

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C07H 3/06, G06F 19/00 159:00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN: MEDLINE, CA, WPIDS, BIOSIS: Keywords mass spec, oligosaccharide, carbohydrate, glycan, fragment, rank, score, algorithm

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Ethier M. et al, "Automated structural assignment of derivatized complex N-linked oligosaccharides from tandem mass spectra." Rapid Communications in Mass Spectrometry, 2002; 16: 1743-1754. published online 19 August 2002 in Wiley Interscience DOI:10.1002/rcm.779	1,5,6,10,11
P,X	FR 2844357 (CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS) A1, 12 March 2004 See Abstract in particular	1,5,6,10,11
P,X	Joshi HJ. et al, "Development of a mass fingerprinting tool for automated interpretation of oligosaccharide fragmentation data" Proteomics 4 June 2004, vol 4 pages 1650-1664. See in particular page 1655 figure 1	1-17

☒ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
17 August 2004

Date of mailing of the international search report
- 3 SEP 2004

Name and mailing address of the ISA/AU

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C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 1995025281 A1 (UNIVERSITY OF WASHINGTON) 21 September 1995	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000768

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
WO	1995025281	CA	2185574
		DE	69530915
		EP	0750747
		JP	3195358
		US	5538897
FR	2844357	WO	2004024654

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX